

IN THE CLAIMS

1. (Currently Amended) A process for producing polyurethane foams comprising reacting isocyanates with compounds which are reactive toward isocyanates in the presence of blowing agents and in the presence or absence of catalysts, additives and/or auxiliaries, wherein the reaction is carried out in the presence of at least one compound (i) selected from the group consisting of crotonic acid, hydroxyethyl acrylate, 3-(acryloyl-oxy)-2-hydroxypropyl methacrylate, benzyl cinnamate, trans-3-nonen-2-one, ~~and an α,β -unsaturated polyester diol prepared by polycondensation of maleic acid, fumaric acid, methacrylic acid or acrylic acid with oligomeric polyols having a molecular weight factor per double bond of from 150 to 3000, a functionality of from 2 to 6, a hydroxyl number of from 20 to 800 and an acid number of from 0 to 15,~~ and combinations thereof.

Claims 2-3 (Cancelled).

4. (Previously Presented) A process as claimed in claim 1, wherein compound (i) is used in an amount of from 0.01 to 20% by weight, based on the weight of the polyurethane foam.

5. (Cancelled).

6. (Currently Amended) A polyurethane foam comprising products of the reaction of primary and/or secondary amines with at least one compound (i) selected from the group consisting of: crotonic acid, hydroxyethyl acrylate, 3-(acryloyl-oxy)-2-hydroxypropyl methacrylate, benzyl cinnamate, trans-3-nonen-2-one, ~~and an α,β -unsaturated polyester diol prepared by polycondensation of maleic acid, methacrylic acid or acrylic acid with oligomeric polyols having a molecular weight factor per double bond of from 150 to 3000, a functionality of from 2 to 6, a hydroxyl number of from 20 to 800 and an acid number of from 0 to 15,~~ and combinations thereof.

Claims 7-8. (Cancelled).

9. (Previously Presented) An article selected from the group of upholstery, a foam backing for carpets, a mattress, a foam backing for an instrument panel, a steering wheel, a shoe sole, and combinations thereof formed from said polyurethane foam as set forth in claim 6.